



US007010363B2

(12) **United States Patent**
Donnelly et al.

(10) **Patent No.:** **US 7,010,363 B2**
(45) **Date of Patent:** **Mar. 7, 2006**

(54) **ELECTRICAL APPLIANCE ENERGY CONSUMPTION CONTROL METHODS AND ELECTRICAL ENERGY CONSUMPTION SYSTEMS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 167 days.

(21) Appl. No.: **10/462,307**

(22) Filed: **Jun. 13, 2003**

(65) **Prior Publication Data**
US 2004/0254654 A1 Dec. 16, 2004

(51) **Int. Cl.**
G05B 11/01 (2006.01)

(52) **U.S. Cl.** **700/19; 700/20; 700/22; 700/286; 700/291; 700/296; 700/297; 700/298; 702/60; 702/61; 702/62; 702/63; 323/299; 323/303; 137/387; 62/176.3**

(58) **Field of Classification Search** **700/12, 700/13-14, 19, 20, 22, 286, 291, 292, 293, 700/294, 295, 29.6, 297, 298; 702/60-63; 323/299-303; 137/387; 26/260; 62/176.3**

See application file for complete search history.

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(57) **ABSTRACT**

Electrical appliance energy consumption control methods and electrical energy consumption systems are described. In one aspect, an electrical appliance energy consumption control method includes providing an electrical appliance coupled with a power distribution system, receiving electrical energy within the appliance from the power distribution system, consuming the received electrical energy using a plurality of loads of the appliance, monitoring electrical energy of the power distribution system, and adjusting an amount of consumption of the received electrical energy via one of the loads of the appliance from an initial level of consumption to an other level of consumption different than the initial level of consumption responsive to the monitoring.

104 Claims, 6 Drawing Sheets

